**EAST Search History**

**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
| L1 | 3 | (("6646522") or ("20040036553")).PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2009/08/12 20:56 |
| L2 | 3 | L1 and (nm micron gold au platinum pt thick thickness) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/12 20:56 |
| L3 | 2 | (("5,640,042") or ("5,721,194")).PN. | US-PGPUB; USPAT | OR | OFF | 2009/08/12 20:56 |
| L4 | 2 | L3 and (substrate silicon oxide metallic metal copper platinum gold au Cu pt Ti titanium) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/08/12 20:56 |
| L5 | 2 | (("20020130734") or ("20060152303")).PN. | US-PGPUB; USPAT | OR | OFF | 2009/08/12 20:56 |
| L6 | 30 | kuylenstierna | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/12 20:56 |
| L7 | 19 | (Subramanyam near2 Guru or Vorobiev near2 (Andre Andrei) or Gevorgian near2 Spartak).in. and varactor | US-PGPUB; USPAT | OR | ON | 2009/08/12 20:56 |
| L8 | 5 | L7 and (silicon Si) and (adhesive Ti titanium adhesion Ti) and (metal metallic au gold pt platinum) | US-PGPUB; USPAT | OR | ON | 2009/08/12 20:56 |
| L9 | 11 | L7 and (silicon Si) and (metal metallic au gold pt platinum) | US-PGPUB; USPAT | OR | ON | 2009/08/12 20:56 |
| L10 | 6 | L9 not L8 | US-PGPUB; USPAT | OR | ON | 2009/08/12 20:56 |
| L11 | 8 | L7 not L9 | US-PGPUB; USPAT | OR | ON | 2009/08/12 20:56 |

| L12 | 1015 | silicon adj (oxide dioxide) with (ti titanium) with (adhesive adhesion adhere) | US-PGPUB; USPAT | OR | ON | 2009/08/12 20:56 |
|---|---|---|---|---|---|---|
| L13 | 275 | L12 with (gold au platinum pt) | US-PGPUB; USPAT | OR | ON | 2009/08/12 20:56 |
| L14 | 34 | L12 with (gold au) with (platinum pt) | US-PGPUB; USPAT | OR | ON | 2009/08/12 20:56 |
| L15 | 26 | "5471363" | US-PGPUB; USPAT | OR | ON | 2009/08/12 20:56 |
| L16 | 3 | "20050200427" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/08/12 20:56 |
| L17 | 14 | silicon adj substrate and ferroelectric with varactor | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/12 20:56 |
| L18 | 15 | (Hersey near2 Ken or Shamsaifar near2 Khosro or Sengupta near2 Louise) and titanium with adhesion | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/08/12 20:56 |
| L19 | 10 | L18 and varactor | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/08/12 20:56 |
| L20 | 4 | Paratek.asn. and silicon and titanium with adhesion | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/08/12 20:56 |
| L21 | 7 | Zhu near2 Yongfei and titanium with adhesion | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/08/12 20:56 |
| L22 | 7 | L21 and L18 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/08/12 20:56 |

| L23 | 8 | L18 not L21 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/08/12 20:56 |
| L24 | 55 | silicon adj (dioxide oxide) near2 adhesion and titanium near2 adhesion | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/08/12 20:56 |
| L25 | 27 | silicon adj (dioxide oxide) near2 adhesion and titanium near2 adhesion and (gold au pt platinum) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/08/12 20:56 |
| L26 | 2 | silicon adj (dioxide oxide) near2 adhesion same titanium near2 adhesion with (gold au pt platinum) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/12 20:56 |
| L27 | 110 | silicon adj (dioxide oxide) same titanium near2 adhesion and (gold au) and (pt platinum) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/12 20:56 |
| L28 | 565 | ((257/595,601) or (333/164)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/08/12 20:56 |
| L29 | 45 | L28 and ferroelectric | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/08/12 20:56 |
| L30 | 2297 | coplanar adj waveguide | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/12 20:56 |
| L31 | 746 | coplanar adj waveguide. clm. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/12 20:56 |
| L32 | 42 | ferroelectric with varactor and waveguide | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/12 20:56 |
| L33 | 37 | "5576564" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/08/12 20:56 |

| L34 | 8 | "5576564" and waveguide | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/08/12 20:56 |
| L35 | 10 | (coplanar adj waveguide cpw) and varactor adj shunt | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/08/12 20:56 |
| L36 | 229 | (coplanar adj waveguide cpw) and varactor | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/08/12 20:56 |
| L37 | 219 | L36 not L35 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/08/12 20:56 |
| L38 | 28 | (coplanar adj waveguide cpw) and varactor with (switch selector) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/08/12 20:56 |

**8/12/2009 8:59:18 PM**
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